

§ 87.111

was experienced, the character, radio frequency and identification of the interfering signal.

(9) A brief description of interruption to communications due to equipment failure or other troubles, giving the duration of the interruption and action taken.

(10) Such additional information as may be considered by the operator to be of value as part of the record of the stations operations.

(c) Stations maintaining written logs must also enter the signature of each operator, with the time the operator assumes and relinquishes a watch.

[69 FR 32879, June 14, 2004]

47 CFR Ch. I (10–1–13 Edition)

§ 87.111 Suspension or discontinuance of operation.

The licensee of any airport control tower station or radionavigation land station must notify the nearest FAA regional office upon the temporary suspension or permanent discontinuance of the station. The FAA regional office must be notified again when service resumes.

[69 FR 32880, June 14, 2004]

Subpart D—Technical Requirements

§ 87.131 Power and emissions.

The following table lists authorized emissions and maximum power. Power must be determined by direct measurement.

| Class of station | Frequency band/ frequency | Authorized emission(s) ⁹ | Maximum power ¹ |
|--|------------------------------|---|----------------------------|
| Aeronautical advisory | VHF | A3E | 10 watts. ¹⁰ |
| Aeronautical multicom | VHF | A3E | 10 watts. |
| Aeronautical enroute and aeronautical fixed. | HF | R3E, H3E, J3E, J7B, H2B, J2D | 6 kw. |
| | HF | A1A, F1B, J2A, J2B | 1.5 kw. |
| | VHF | A3E, A9W G1D, A2D. | |
| Aeronautical search and rescue | VHF | A3E | 10 watts. |
| | HF | R3E, H3E, J3E | 100 watts. |
| Operational fixed | VHF | G3E, F2D | 30 watts. |
| Flight test land | VHF | A3E | 200 watts. |
| | UHF | F2D, F9D, F7D | 25 watts. ³ |
| | HF | H2B, J3E, J7D, J9W | 6.0 kw. |
| Aviation support | VHF | A3E | 50 watts. |
| Airport control tower | VHF | A3E, G1D, G7D | 50 watts. |
| | Below 400 kHz | A3E | 15 watts. |
| Aeronautical utility mobile | VHF | A3E | 10 watts. |
| Radionavigation land test | 108.150 MHz | A9W | 1 milliwatt. |
| | 334.550 MHz | A1N | 1 milliwatt. |
| | Other VHF | M1A, XXA, A1A, A1N, A2A, A2D, A9W ... | 1 watt. |
| | Other UHF | M1A, XXA, A1A, A1N, A2A, A2D, A9W ... | 1 watt. |
| | 5031.0 MHz | F7D | 1 watt. |
| Radionavigation land | Various ⁴ | Various ⁴ | Various. ⁴ |
| Aeronautical Frequencies | | | |
| Aircraft (Communication) | UHF | F2D, F9D, F7D | 25 watts. |
| | VHF | A3E, A9W, G1D, G7D, A2D | 55 watts. |
| | HF | R3E, H3E, J3E, J7B, H2B, J7D, J9W | 400 watts. |
| | HF | A1A, F1B, J2A, J2B | 100 watts. |
| Marine Frequencies ⁵ | | | |
| | 156.300 MHz | G3E | 5 watts. |
| | 156.375 MHz | G3E | 5 watts. |
| | 156.400 MHz | G3E | 5 watts. |
| | 156.425 MHz | G3E | 5 watts. |
| | 156.450 MHz | G3E | 5 watts. |
| | 156.625 MHz | G3E | 5 watts. |
| | 156.800 MHz | G3E | 5 watts. |
| | 156.900 MHz | G3E | 5 watts. |
| | 157.425 MHz | G3E | 5 watts. |
| | HF ⁶ | R3E, H3E, J3E, J2B, F1B, A3E | 1000 watts. |
| | | | 250 watts. |
| | MF ⁶ | R3E, H3E, J3E, J2B, F1B | 1000 watts. |